

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("5563426").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/23 10:09
S2	1	S1 and (Ni or nickel)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/23 10:09
S3	1	("5403772").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/23 10:25
S4	1	S3 and (Ni or nickel)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/23 10:26
S5	410	(TFT or thin adj film adj transistor) and (Ni or nickel) with crystal \$8 and (@ad < "19950828" or @rlad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/23 14:28
S6	341	S5 and (matrix or pixel or display) and (driv\$3 or peripheral)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/23 14:29
S7	1	("5569935").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/23 15:22
S8	1	S7 and (matrix or pixel or display) and (driv\$3 or peripheral)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/23 15:22
S9	1	("5534716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/23 16:31
S10	1	S9 and (matrix or pixel or display) and (driv\$3 or peripheral)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/23 16:31
S11	1	("5605846").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/24 08:16
S12	1	("5569610").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/24 08:51

S13	1	("5656825").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/24 08:59
S14	1	("5585291").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/24 10:20
S15	1	("5624831").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/24 10:30
S16	410	(TFT or thin adj film adj transistor) and (Ni or nickel) with crystal \$8 and (@ad < "19950828" or @rlad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/24 10:55
S17	341	S16 and (matrix or pixel or display) and (driv\$3 or peripheral)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/24 10:55
S18	69	S16 not S17	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/24 10:55
S19	1	("5501989").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/24 11:02
S20	1	("5534716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/24 13:58
S21	1	S20 and (H or hydrogen)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/24 13:58
S22	1	S20 and (halogen or F or fluorine or Cl or chlorine or Br or bromine or I or iodine)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/24 14:07
S23	1	S20 and (oxygen or nitrogen or carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/24 15:17
S24	169	(TFT or thin adj film adj transistor) with channel with length and @ad < "19940831"	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/24 15:55
S25	1954	s adj value and @ad < "19940831"	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/24 16:22

S26	4	(TFT or thin adj film adj transistor) with s adj value and @ad < "19940831"	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/24 16:23
S27	1413	(257/66).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/24 17:23
S28	65	S27 and (TFT or thin adj film adj transistor) and (Ni or nickel) with crystal\$8 and (@ad < "19950828" or @rlad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/24 17:23
S29	179	(257/70).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/24 17:23
S30	14	S29 and (TFT or thin adj film adj transistor) and (Ni or nickel) with crystal\$8 and (@ad < "19950828" or @rlad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/24 17:23
S31	116	(257/E29.292).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/24 17:24
S33	1318	(257/E29.293).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/24 17:24
S34	78	S33 and (TFT or thin adj film adj transistor) and (Ni or nickel) with crystal\$8 and (@ad < "19950828" or @rlad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/24 17:24
S35	349	(257/E29.294).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/24 17:24
S36	24	S35 and (TFT or thin adj film adj transistor) and (Ni or nickel) with crystal\$8 and (@ad < "19950828" or @rlad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/24 17:24

S37	7	((("5563426") or ("5639698") or ("5608232") or ("5616506") or ("5534716") or ("5614733") or ("5605846"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/06 12:36
S38	7	S37 and (Ni or nickel) with concentration	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 12:38
S39	1	("5569610").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/06 13:25
S40	1	S39 and (Ni or nickel) with concentration	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 13:25
S41	2	((("5643826") or ("5569610"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/11 10:38
S42	2	S41 and (Ni or nickel)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 10:39
S43	17	("Ni" or nickel) with peripheral and (TFT or thin adj film adj transistor) and (@rlad < "19940829" or @ad < "19940829")	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/30 10:30
S44	124	("Ni" or nickel) and peripheral with (TFT or thin adj film adj transistor) and (@rlad < "19940829" or @ad < "19940829")	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/30 10:52
S45	113	("Ni" or nickel) and peripheral with (TFT or thin adj film adj transistor) and crystalliz \$5 and (@rlad < "19940829" or @ad < "19940829")	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/30 10:53

S46	131	("4394191" "4951113" "4963503" "5032531" "5064775" "5202274" "5231039" "5262654" "5278093" "5287205" "5289030" "5294555" "5306651" "5308998" "5317432" "5320973" "5326712").PN. OR ("5403762").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/30 10:54
S47	14	S46 and ("Ni" or nickel) and (TFT or thin adj film adj transistor) and crystalliz\$5 and (@rlad < "19940829" or @ad < "19940829")	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/30 10:55
S48	1	("5403772").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/30 10:55
S49	445	("Ni" or nickel) with crystalli\$6 with (Si or silicon) and (@rlad < "19940829" or @ad < "19940829")	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/30 11:17
S50	232	("Ni" or nickel) with crystalliz\$5 with (Si or silicon) and (@rlad < "19940829" or @ad < "19940829")	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/30 11:17
S51	158	("Ni" or nickel) with crystalliz\$5 with (Si or silicon) and (TFT or thin adj film adj transistor) and (@rlad < "19940829" or @ad < "19940829")	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/30 11:17
S52	58	(Shunpei with Yamazaki).in. and ("Ni" or nickel) and (TFT or thin adj film adj transistor) and (@rlad < "19940829" or @ad < "19940829")	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/30 11:30
S53	1	("5563426").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/30 11:37

S54	103	("5147826" "5275851" "5481121" "5492843" "5501989" "5529937" "5534716" "5543352" "5550070" "5580792" "5585291" "5612250" "5643826" "5654203").PN. OR ("6162667").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 10:08
S55	93	S54 and (Ni or nickel)	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 10:08
S56	14	S54 and (Ni or nickel) and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 10:09
S57	1092	(TFT or thin adj film adj transistor) and (Ni or nickel) and (@ad < "19950828" or @rlad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 10:21
S58	703	(TFT or thin adj film adj transistor) and (Ni or nickel) and (crystal \$4 or polycrystal\$4) with (Si or silicon) and (@ad < "19950828" or @rlad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 10:22
S59	237	(TFT or thin adj film adj transistor) and (Ni or nickel) with (crystal \$4 or polycrystal\$4) with (Si or silicon) and (@ad < "19950828" or @rlad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 10:22
S60	1	("5403772").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 10:23
S61	64	("4015558" "5403772" "5426064" "5501989" "5523257" "5569610" "5578520").PN. OR ("5851860").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 11:15

S62	9	S61 and (TFT or thin adj film adj transistor) and (Ni or nickel) and (@ad < "19950828" or @rlad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 11:16
S63	626	(thin adj film adj transistor or TFT) with (pixel and peripher\$2) and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 12:51
S64	236	S63 not (semiconductor adj energy adj laboratory).as.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 12:52
S65	42	S64 and (Ni or nickel)	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 12:52
S66	1080	(Ni or nickel) with crystalliz\$5 and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 14:47
S67	739	S66 not (semiconductor adj energy adj laboratory).as.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 14:47
S68	397	(Ni or nickel) with (Si or silicon) with crystalliz \$5 and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 14:47
S69	114	S68 not (semiconductor adj energy adj laboratory).as.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 14:47
S70	289	metal with (Si or silicon) with crystalliz\$5 and (@rlad < "19950828" or @ad < "19950828") not S68	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 15:57
S71	285	S70 not (semiconductor adj energy adj laboratory).as.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 15:57
S72	10	S71 and (TFT or thin adj film adj transistor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 15:58
S73	1	("5147826").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 16:23

S74	414	("4132571" "4358326" "4379020" "4433202" "4693759" "4814292" "4902642" "4904611").PN. OR ("5147826").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 16:33
S75	75	S74 not (semiconductor adj energy adj laboratory).as.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 16:33
S76	29	S75 and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 16:34
S77	362	("4772564" "5147826").PN. OR ("5275851").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 16:41
S78	46	S77 not (semiconductor adj energy adj laboratory).as.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 16:41
S79	15	S78 and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 16:41
S80	34	(TFT or thin adj film adj transistor) with pixel with peripher\$2 and @ad < "19940831"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/17 16:57
S81	248	("4187126" "4466179" "4904611" "5147826" "5177578" "5275851" "5323042" "5341012").PN. OR ("5534716").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 13:46
S82	66	S81 and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 13:46
S83	72	("20020011783" "20020163300" "3792308" "3956032" "4007462" "4569305" "4683146" "4687352" "4792817" "4891110" "4938569" "5041190" "5132248" "5202261" "5214350" "5250439" "5274481" "5276380" "5281489"	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 13:56

		"5326692" "5363800" "5380679" "5399390" "5403617" "5438241" "5439519" "5446570" "5472889" "5477352" "5510066" "5525434" "5534716" "5540999" "5558946" "5593788" "5610932" "5618469" "5645901" "5652019" "5652067" "5656826" "5665857" "5713278" "5728626" "5742129" "5744171" "5757453" "5759268" "5770260" "5771562" "5779799" "5784132" "5821002" "5854139" "5935331" "5972419" "5989945" "5997122" "6008828" "6104311" "6137221" "6153711" "6180294" "6187457" "6195142" "6337222" "6580212" "6593591" "6610552" "6696785").PN. OR ("7067337").URPN.				
S84	46	S83 and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 13:57
S85	103	("5147826" "5275851" "5481121" "5492843" "5501989" "5529937" "5534716" "5543352" "5550070" "5580792" "5585291" "5612250" "5643826" "5654203").PN. OR ("6162667").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 15:05

S86	14	S85 and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 15:05
S87	151	("5112764" "5147826" "5275851" "5330935" "5403772" "5426064").PN. OR ("5550070").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 15:07
S88	28	S87 and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 15:08
S89	362	("4772564" "5147826").PN. OR ("5275851").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 15:30
S90	218	S89 and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 15:30
S91	227	("3840695" "4663645").PN. OR ("5323042").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 16:47
S92	96	S91 and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/13 16:47
S93	1	("5289030").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/14 10:29
S94	688	peripher\$2 with (matrix or pixel) with (crystal\$4 or crystallinity) and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/14 15:25
S95	357	(TFT or thin adj film adj transistor) with peripher\$2 with (matrix or pixel) with (crystal\$4 or crystallinity) and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/14 15:26
S96	106	S95 not (semiconductor adj energy adj laboratory).as.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/14 15:27
S97	254	S94 not (semiconductor adj energy adj laboratory).as. not S96	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/14 17:08
S98	23	S97 and (Ni or nickel)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/14 17:09

S99	231	S97 not S98	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/14 17:14
S100	176	S99 and transistor	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/14 17:15
S101	53	("4024626" "4199773" "4395726" "4776673" "5132820" "5191453").PN. OR ("5574292").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/15 14:35
S102	12	S101 and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/15 14:35
S103	85	peripher\$2 with ((single or mono) adj crystal\$4 or monocrystal \$4 or monosilicon) and (matrix or pixel) with (poly adj crystal\$4 or polycrystal\$4) and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/15 15:20
S104	1	("5289030").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/15 16:02
S105	1	("5804473").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/19 17:11
S106	15	("5581092").PN. OR ("5804473").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/19 17:11
S107	74	("5040875" "5075746" "5142344").PN. OR ("5294811").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/20 10:25
S108	44	S107 and (@rlad < "19950828" or @ad < "19950828")	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/20 10:25

S110	4	(TFT or thin adj film adj transistor) and (((hydrogen or halogen) and carbon and nitrogen) with low \$2 with concentration) and (@rlad < "19950828" or @ad < "19950828") not (Semiconductor adj Energy).as.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/22 14:36
S111	21	("4781766" "5155051" "5264070").PN. OR ("5498904").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/22 14:44
S112	20	(TFT or thin adj film adj transistor) and (((hydrogen or halogen) and carbon and nitrogen) with low \$2 with concentration) and (@rlad < "19950828" or @ad < "19950828") not S110	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/22 14:46
S113	67	(TFT or thin adj film adj transistor) and (((hydrogen or halogen) and carbon and nitrogen) with concentration) and (@rlad < "19950828" or @ad < "19950828") not S110 not S112	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/22 14:50
S114	4	S113 not (Semiconductor adj Energy).as.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/22 14:57
S115	17	(TFT or thin adj film adj transistor) and (((hydrogen or halogen) and carbon and nitrogen) with atomic) and (@rlad < "19950828" or @ad < "19950828") not S110 not S112 not S113	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/22 15:07

EAST Search History (Interference)

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